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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/046,416 Confirmation No.: 3295
Applicant : Arthur R. Telkamp
Filing Date : 10/19/2001
Title : 1 x N OR N x 1 OPTICAL SWITCH HAVING A PLURALITY OF MOVABLE
LIGHT GUIDING MICROSTRUCTURES
Group Art Unit : 2882
Examiner : Sung H. Pak
Docket No. : 703427.6 (formerly 268/001)
Customer No. : 34313

11/23/2004 STEUMEL1 00000013 150665 10046416
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

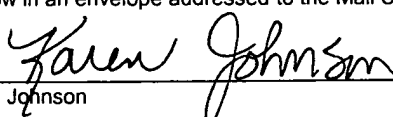
In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449. In accordance with the USPTO waiver of the requirement under 37 CFR 1.98(a)(2)(i), only copies of foreign patent documents and non-patent literature are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

CERTIFICATE OF MAILING
37 CFR §1.8

I hereby certify, pursuant to 37 CFR §1.8, that I have reasonable basis to expect that that this paper or fee (along with any referred to as being attached or enclosed) would be mailed or transmitted on or before the date indicated with the United States Postal Service with sufficient postage as first class mail on the date shown below in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Dated: November 17, 2004


Karen Johnson

DOCSOC1:157253.1

Applicant : Arthur R. Telkamp
Appl. No. : 10/046,416
Examiner : Sung H. Pak
Docket No. : 703427.6 (formerly 268/001)

INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

☐ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.

☒ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.

☒ The fee due under 37 CFR § 1.17(p) is submitted herewith.

☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.

☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

Applicant : Arthur R. Telkamp
Appl. No. : 10/046,416
Examiner : Sung H. Pak
Docket No. : 703427.6 (formerly 268/001)

STATEMENT UNDER 37 CFR § 1.97(e):

- ☐ Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.
- ☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.

PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

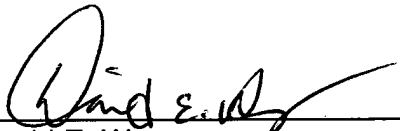
- ☐ A check in the amount of _____ is enclosed for the above fee(s).
- ☒ Please charge **\$180.00** to Deposit Account No. **15-0665** for the above fee(s).
- ☒ The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Orrick, Herrington & Sutcliffe's Deposit Account No. **15-0665**.

Respectfully submitted,

ORRICK, HERRINGTON & SUTCLIFFE LLP

Dated: November 17, 2004

By: _____


David E. Wang
Reg. No. 38,358

ORRICK, HERRINGTON & SUTCLIFFE LLP
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949/567-6700 Telephone
949/567-6710 Facsimile



PTO/SB/08a (08/03)

Approved for use through 7/31/06. OMB 0651/0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Sheet	1	of	2	Application Number	10/046,416
				Filing Date	10/19/2001
				First Named Inventor	Arthur R. Telkamp
				Art Unit	2882
				Examiner Name	Sung H. Pak
				Attorney Docket Number	703427.6

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Publication Date MM/DD/YYYY	Name of Patentee or Applicant of Cited Document
		Number/Kind Code ² (if known)		
	1	5,039,191	07/1991	Myszka
	2	5,278,692	01/1994	Delapierre
	3	5,357,590	10/1994	Auracher
	4	5,596,662	01/1997	Boscher
	5	5,623,564	04/1997	Presby
	6	5,920,665	07-1999	Presby
	7	5,926,594	06/1999	Song et al.
	8	5,970,192	10/1999	Osugi et al.
	9	6,101,299	08/2000	Laor
	10	6,122,423	08/2000	You et al
	11	6,175,675 B1	01/2001	Lee et al.
	12	6,219,472 B2	04/2001	Horino et al.
	13	6,253,011 B1	06/2001	Haake et al.
	14	6,275,326 B1	08/2001	Bhlia et al.
	15	6,388,789 B1	05/2002	Bernstein
	16	6,411,765 B1	06/2002	Ono
	17	6,654,523 B1	11/2003	Cole
	18	20020094151 A1	07/2002	Li

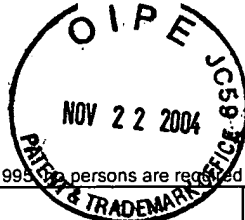
FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM/YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country ³ Number ⁴ Kind Code ⁵ (if known)			
	19	DE 3817035 C1	08/1989	Messerschmitt/Bölkow/Blom GbmH	
	20	EP 0 545 584	11/1992	American Teleph & Telegr	
	21	JP 10-227986 (abstract only)	08/1998	Horino et al.	
	22	JP 06109990 (abstract only)	04/1994	Sumitomo Wiring Syst Ltd.	
	23	JP 58068702	04/1983	Nippon Telegr & Teleph Corp.	
	24	JP 63063006 (abstract only)	03/1988	Yokohama Kokuitsu Univ.	
	25	JP 04177225 (abstract only)	06/1992	Shioda Takao	
	26	JP 10123373 (abstract only)	05/1998	Kyocera Corp.	
	27	WO 01/77742 A2	10/2001	Lightwave Microsystems Corp.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicants unique citation designation number (optional). ²See Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two/letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313/1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313/1450



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				First Named Inventor	Arthur R. Telkamp
				Art Unit	2882
				Examiner Name	Sung H. Pak
				Attorney Docket Number	703427.6

OTHER PRIOR ART / NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T ²
	28	Bahadori, et al., <i>Automated Fiber-Waveguide Array Alignment</i> , Journal of Optical Communications, Fachverlag Schiele & Schon, Berlin, Germany, Vol. 10, no. 2, June 1, 1989, pages 54-55	

DOCSOC1:157250.1

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicants unique citation designation number (optional). ²See Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two/letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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